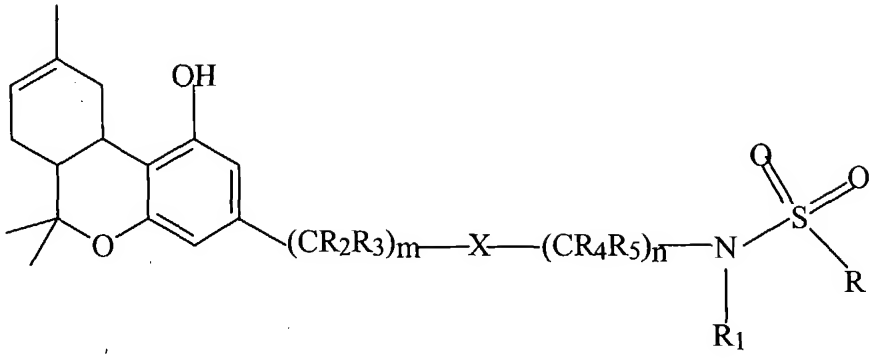
CLAIMS

We claim:

1. A compound of the general formula



where

m is an integer from 0 to 5;

n is an integer from 0 to 5;

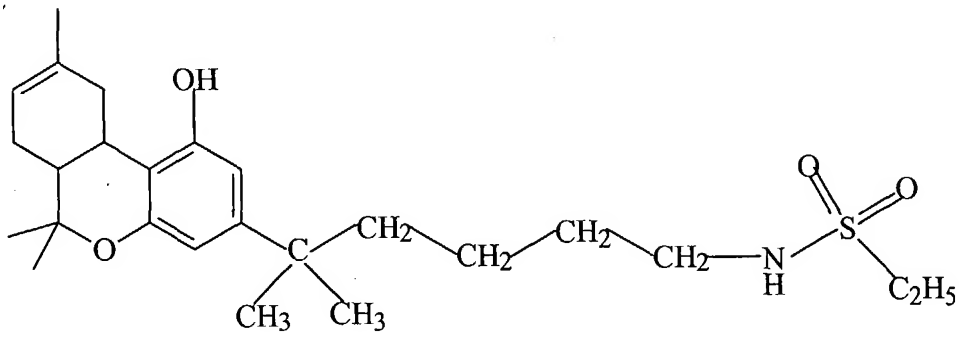
R is C_1 to C_7 alkyl, cycloalkyl, phenyl, hydroxy, alkyl hydroxy, substituted phenyl, or CH_2X^1, where X^1 = H, Cl, Br, I or F;

R_1 is H, C_1 to C_7 alkyl, phenyl, or substituted phenyl;

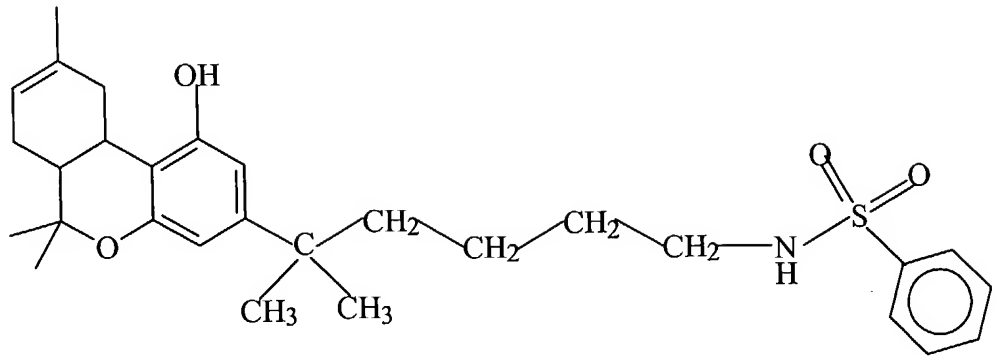
R_2, R_3, R_4 and R_5 are H or C_1 to C_7 alkyl, and R_1, R_2, R_3, R_4 and R_5 may be the same or different; and

X is a saturated or unsaturated C_1 to C_2 carbon chain.

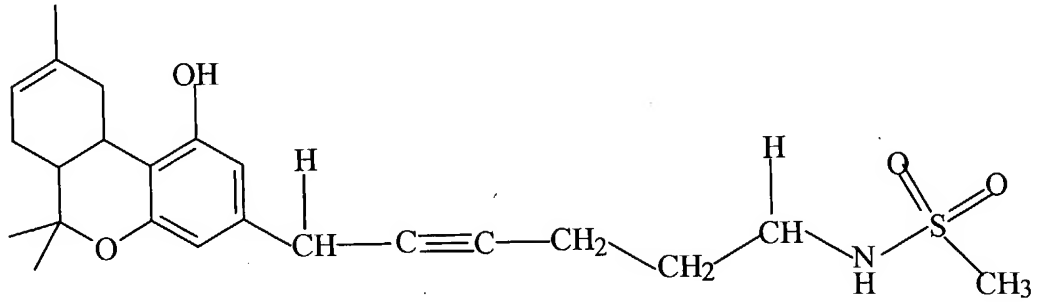
2. A compound of formula



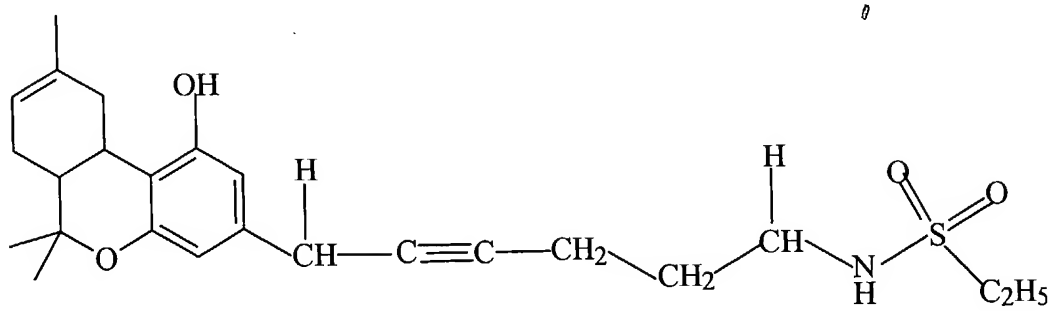
1 3. A compound of formula



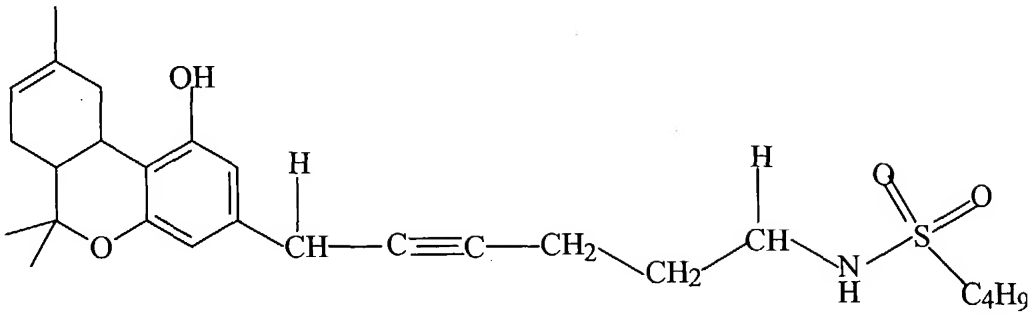
1 4. A compound of formula



1 5. A compound of formula

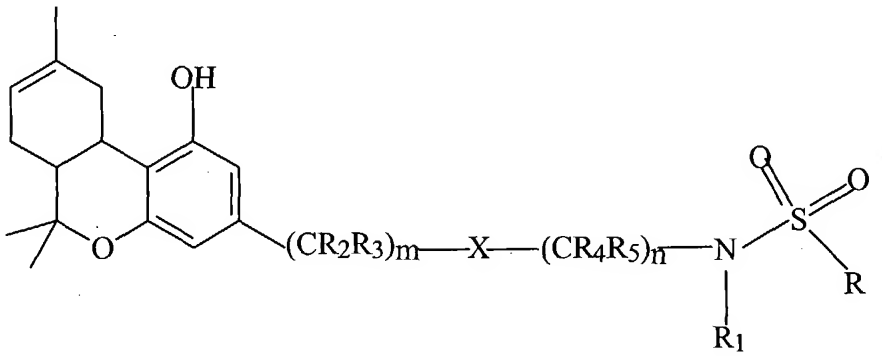


6. A compound of formula



7. A method of treatment of a condition or disorders related to cannabinoid-regulated systems in a patient in need thereof, comprising the step of

administering to said patient a quantity of a compound of generic formula



where

m is an integer from 0 to 5;

n is an integer from 0 to 5;

R is C_1 to C_7 alkyl, cycloalkyl, phenyl, hydroxy, alkyl hydroxy, substituted phenyl, or CH_2X^1, where X^1 = H, Cl, Br, I or F;

R_1 is H, C_1 to C_7 alkyl, phenyl, or substituted phenyl;

R_2, R_3, R_4 and R_5 are H or C_1 to C_7 alkyl, and R_1, R_2, R_3, R_4 and R_5 may be the same or different; and

X is a saturated or unsaturated C_1 to C_2 carbon chain,

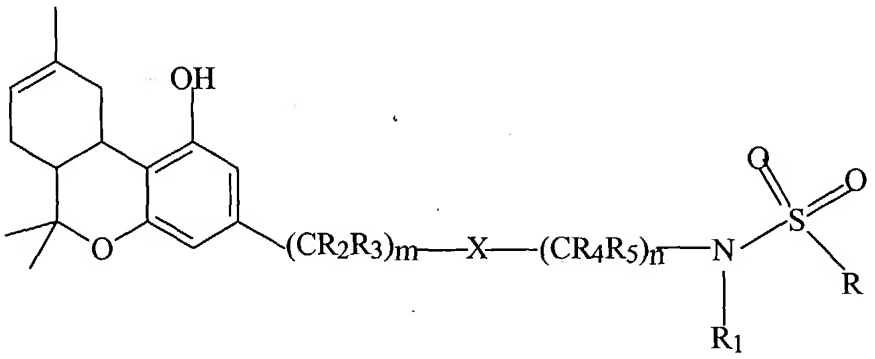
in a quantity sufficient to ameliorate symptoms of said condition or disorder.

8. The method of claim 7 wherein said condition or disorder is selected from the group consisting of acute and chronic pain, inflammation, loss of appetite, convulsions, multiple sclerosis, nausea and vomiting.

9. A compound having a sulfonamide moiety which functions as a silent antagonist of the CB1 cannabinoid receptor.

10. A method for treating pain in a patient comprising administering to said patient an effective dose of a silent antagonist of a CB1 cannabinoid receptor wherein said silent antagonist includes a sulfonamide moiety.

11. The method of claim 10 wherein said silent antagonist has the generic chemical formula



where

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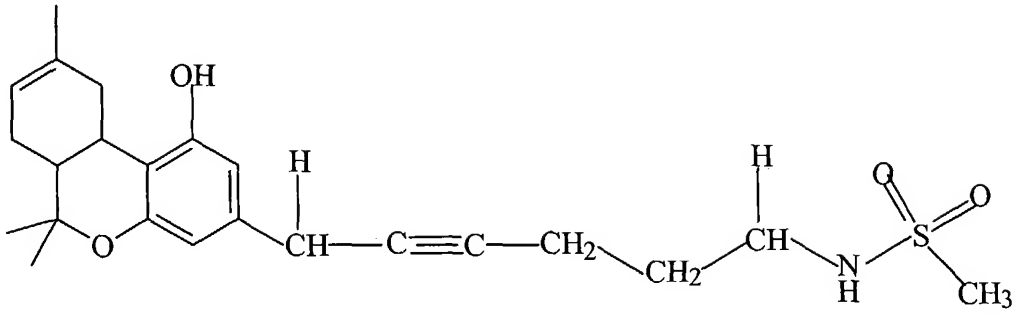
R is C_1 to C_7 alkyl, cycloalkyl, phenyl, hydroxy, alkyl hydroxy, substituted phenyl, or CH_2X^1, where X^1 = H, Cl, Br, I or F;

R_1 is H, C_1 to C_7 alkyl, phenyl, or substituted phenyl;

R_2, R_3, R_4 and R_5 are H or C_1 to C_7 alkyl, and R_1, R_2, R_3, R_4 and R_5 may be the same or different; and

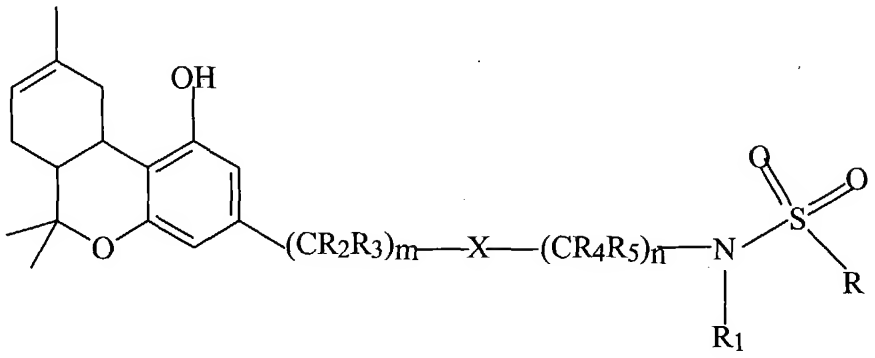
X is a saturated or unsaturated C_1 to C_2 carbon chain.

12. The method of claim 10 wherein said silent antagonist is



13. A method for treating nausea in a patient comprising administering to said patient an effective dose of a silent antagonist of a CB1 cannabinoid receptor wherein said silent antagonist includes a sulfonamide moiety.

14. The method of claim 12 wherein said silent antagonist has the generic chemical formula



where

m is an integer from 0 to 5;

n is an integer from 0 to 5;

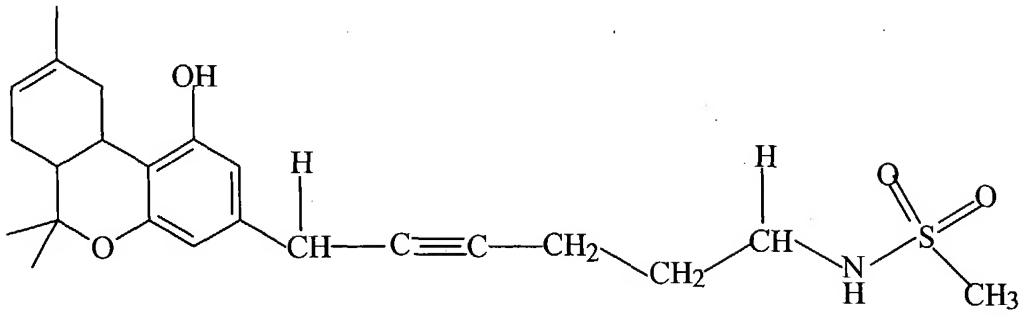
R is C_1 to C_7 alkyl, cycloalkyl, phenyl, hydroxy, alkyl hydroxy, substituted phenyl, or CH_2X^1, where X^1 = H, Cl, Br, I or F;

R_1 is H, C_1 to C_7 alkyl, phenyl, or substituted phenyl;

R_2, R_3, R_4 and R_5 are H or C_1 to C_7 alkyl, and R_1, R_2, R_3, R_4 and R_5 may be the same or different; and

X is a saturated or unsaturated C_1 to C_2 carbon chain.

15. The method of claim 13, wherein said silent antagonist is



16. A method of blocking the effects of a CB1 cannabinoid receptor agonist in a patient, comprising the step of administering to said patient an effective dose of a silent antagonist of the CB1 cannabinoid receptor wherein said silent antagonist includes a sulfonamide moiety.